



# SAFETY DATA SHEET

Safety Data Sheet (in compliance with Regulation (EC) 1907/2006,  
Regulation (EC) 1272/2008 and Regulation (EC) 453/2010

Document Number: 728-00016

Current Revision: IN

Issue Date: 10/05/2018

## SECTION 1 - IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

### Product Identifier:

Trade Name (as labeled):	EverSmile OrthoFoam
Product Form:	Foam / Liquid
Part / Item Number:	J03550

### Relevant identified Uses of the Substance or Mixture and Uses Advised Against:

Recommended Use:	Mouthwash, Dental Care
Restrictions on Use:	No information available

### Details of the Supplier of the Safety Data Sheet:

Manufacturer / Supplier Name:	EverSmile, Inc.
Manufacturer / Supplier Address:	10547 W Pico Blvd. Los Angeles, CA 90064 USA
Manufacturer / Supplier Telephone Number:	8555-595-2999

### Emergency Telephone Number:

Emergency Contact Telephone Number:	Chemtrec (800) 424-9300 / (703) 527-3887
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## SECTION 2 - HAZARDS IDENTIFICATION

### Classification:


Skin corrosion / Irritation	Category 2
Serious eye damage / Eye Irritation	Category 1

**Appearance:** Clear

**Physical State:** Foam Liquid

**Odor:** Bubble Gum

### Label Elements:

<b>Hazard pictograms (GHS-US)</b>	
 Corrosion	
<b>Signal Word:</b> Danger	
<b>Hazard Statements</b>	<b>Precautionary Statements</b>
Causes skin irritation Causes serious eye damage	Prevention: Wash face, hands and any exposed skin thoroughly after handling Wear protective gloves / eye protection / face protection Response: Specific Treatment (see supplemental first aid instruction on this label)



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**Eyes:**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 Immediately call a POISON CENTER or doctor

**Skin:**

IF ON SKIN: Wash with plenty of water and soap  
 If skin irritation occurs: Get medical advice/attention  
 Take off contaminated clothing and wash it before reuse

**Other Information:**

Harmful to aquatic life with long lasting effects.

**Unknown Acute toxicity (GHS-US):**

- 6 % of the mixture consists of ingredient(s) of unknown toxicity
- 0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- 6 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 6 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 6 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 6 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS****Substances:**

Not Applicable

**Mixture:**

Hazardous Components	C.A.S. #	WT %*
Hydrogen Peroxide	7722-84-1	3.7875%
Glycerin	56-81-5	2%

**SECTION 4 - FIRST AID MEASURES****Description of First Aid Measures:**

<b>General</b>	Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.
<b>Eye</b>	Get immediate medical advice/attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area.
<b>Skin</b>	Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.

**Self-Protection of the First Aider:**

Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

**Most Important Symptoms and Effects, Both Acute and Delayed:**

Burning sensation.

**Indication of Any Immediate Medical Attention and Special Treatment Needed:**

**Note to Physicians (Treatment, Testing, and Monitoring):** Treat symptomatically



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## SECTION 5 - FIRE-FIGHTING MEASURES

### Extinguishing Media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### Unsuitable Extinguishing Media:

CAUTION: Use of water spray when fighting fire may be inefficient.

### Special Hazards Arising from the Chemical:

No information available

### Hazardous Combustion Products:

Carbon oxides

### Explosion Data:

**Sensitivity to Mechanical Impact:** None

**Sensitivity to Static Discharge:** None

### Special protective equipment for fire-fighters:

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures:

Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required.

### Other Information:

Refer to protective measures listed in Sections 7 and 8

### Methods and Material for Containment and Cleaning up:

**Containment:** Prevent further leakage or spillage if safe to do so.

**Cleaning Up:** Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

## SECTION 7 - HANDLING AND STORAGE

### Precautions for Safe Handling:

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

### Conditions for Safe Storage, Including Any Incompatibilities:

Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTIONS

### Control Parameters:

### Exposure Limits:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Hydrogen peroxide 7722-84-1	TWA: 1 ppm	TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup> (vacated) TWA: 1 ppm (vacated) TWA: 1.4 mg/m <sup>3</sup>	IDLH: 75 ppm TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>
Glycerin 56-81-5	TWA: 10 mg/m <sup>3</sup> mist	TWA: 15 mg/m <sup>3</sup> mist, total particulate TWA: 5 mg/m <sup>3</sup> mist, respirable fraction (vacated) TWA: 10 mg/m <sup>3</sup> mist, total particulate (vacated) TWA: 5 mg/m <sup>3</sup> mist, respirable fraction	



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Chemical Name	Alberta	British Columbia	Ontario TWAEV	Quebec
Hydrogen peroxide 7722-84-1	TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>	TWA: 1 ppm	TWA: 1 ppm	TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>
Glycerin 56-81-5	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 3 mg/m <sup>3</sup>		TWA: 10 mg/m <sup>3</sup>

### Other Exposure Guidelines:

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).  
See section 15 for national exposure control parameters.

### Appropriate Engineering Controls:

Eyewash Stations  
Ventilation Systems

### Individual Protection Measures (PPE):

Eye/face Protection:	Tight sealing safety goggles
Hand Protection	Wear suitable gloves. Impervious gloves.
Skin and Body Protection:	Wear suitable protective clothing. Long sleeved clothing.
Respiratory Protection:	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties:

<b>Physical state:</b>	Foam; Liquid	<b>Solubility(ies):</b>	No data available
<b>Appearance:</b>	Clear	<b>VOC Content (%)</b>	No data available
<b>Odor:</b>	Bubble Gum	<b>Auto-ignition temperature:</b>	No data available
<b>Odor threshold:</b>	Not Applicable	<b>Decomposition temperature:</b>	No data available
<b>pH:</b>	5.0	<b>Kinematic viscosity</b>	No data available
<b>Melting / Freezing point:</b>	No data available	<b>Dynamic viscosity</b>	No data available
<b>Boiling point / boiling range:</b>	No data available	<b>Explosive properties:</b>	No data available
<b>Flash point:</b>	No data available	<b>Oxidizing properties</b>	No data available
<b>Evaporation rate:</b>	No data available	<b>Softening point</b>	No data available
<b>Flammability (solid, gas):</b>	No data available	<b>Molecular Weight</b>	No data available
<b>Flammability Limit in Air:</b> Upper Flammability Limit Lower Flammability Limit	No data available No data available	<b>Partition coefficient: n-octanol/water:</b>	No data available
<b>Vapor pressure (mmHg):</b>	No data available	<b>Liquid Density</b>	No data available
<b>Vapor density:</b>	No data available	<b>Bulk Density</b>	No data available
<b>Relative density:</b>	1	<b>Particle Size</b>	No data available
<b>Water Solubility</b>	Completely Soluble	<b>Particle Size Distribution</b>	No data available

### Other Information:

None available



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**SECTION 10 - STABILITY AND REACTIVITY**

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**Reactivity:**

No information available

**Chemical Stability:**

Stable under normal conditions

**Possibility of Hazardous Reactions:**

None under normal processing

**Hazardous Polymerization:**

Hazardous polymerization does not occur

**Conditions to Avoid:**

None known based on information supplied

**Incompatibility materials:**

Strong acids; Strong bases; Strong oxidizing agents

**Hazardous Decomposition Products:**

Carbon oxides

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**SECTION 11 - TOXICOLOGICAL INFORMATION**

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**Information on Toxicological Effects:**

Inhalation	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
Eye Contact	Specific test data for the substance or mixture is not available. Causes serious eye damage. (based on components). Severely irritating to eyes. May cause burns. May cause irreversible damage to eyes.
Skin Contact	Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components).
Ingestion	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Information on Toxicological Effects:**

**Symptoms** Redness. Burning. May cause blindness. May cause redness and tearing of the eyes.

**Numerical Measures of Toxicity:****Acute Toxicity**

**The following values are calculated based on chapter 3.1 of the GHS document**

<b>ATEmix (oral)</b>	36,170.00 mg/kg
<b>ATEmix (dermal)</b>	52,805.00 mg/kg
<b>ATEmix (inhalation-dust/mist)</b>	53.00 mg/L
<b>ATEmix (inhalation-vapor)</b>	290.00 mg/L

**Acute Toxicity**

- 6 % of the mixture consists of ingredient(s) of unknown toxicity
- 0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- 6 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 6 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 6 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
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## Component Information:

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Hydrogen peroxide	= 1518 mg/kg ( Rat )	= 2000 mg/kg ( Rabbit ) = 4060 mg/kg ( Rat )	= 2 g/m <sup>3</sup> ( Rat ) 4 h
Glycerin	= 12600 mg/kg ( Rat )	> 10 g/kg ( Rabbit )	> 570 mg/m <sup>3</sup> ( Rat ) 1 h

## Delayed and immediate effects as well as chronic effects from short and long term exposure:

Skin corrosion/irritation	Classification based on data available for ingredients. Irritating to skin.
Serious eye damage/eye irritation	Classification based on data available for ingredients. Causes burns. Risk of serious damage to eyes.
Respiratory or skin sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIS	IARC	NTP	OSHA
Hydrogen peroxide 7722-84-1	A3	Group 3	-	-

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 3 - Not Classifiable as to Carcinogenicity in Humans

## Reproductive toxicity

No information available

## STOT – single exposure

No information available

## STOT – repeated exposure

No information available

## Aspiration hazard

No information available

## SECTION 12 - ECOLOGICAL INFORMATION

### Ecotoxicity:

Harmful to aquatic life with long lasting effects.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Hydrogen peroxide	72h EC50: = 2.5 mg/L (Chlorella vulgaris)	96h LC50: 10.0-32.0 mg/L (Oncorhynchus mykiss) 96h LC50: 18-56 mg/L (Lepomis macrochirus) 96h LC50: = 16.4 mg/L (Pimephales promelas)	-	24h EC50: = 7.7 mg/L 48h EC50: 18 - 32 mg/L
Glycerin		96h LC50: 51 - 57 mL/L (Oncorhynchus mykiss)		24h EC50: > 500 mg/L

### Persistence and Degradability:

No information available



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**Bio-accumulation:**

Chemical Name	Log Pow
Glycerin	-1.76

**Mobility in Soil:**

No information available

**Other Adverse Effects:**

No information available

## SECTION 13 - DISPOSAL CONSIDERATIONS

**Waste Treatment Methods:**

Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Do not reuse empty containers.
California Waste Codes	331

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste
Hydrogen peroxide 7722-84-1	Toxic Corrosive Ignitable Reactive

## SECTION 14 - TRANSPORT INFORMATION

<b>DOT:</b>	Not Regulated
<b>Proper Shipping Name</b>	Non-Regulated
<b>Hazard Class</b>	N/A
<b>TDG</b>	Not Regulated
<b>MEX</b>	Not Regulated
<b>ICAO</b>	Not Regulated
<b>IATA</b>	Not Regulated
<b>Proper Shipping Name</b>	Non-Regulated
<b>Hazard Class</b>	N/A
<b>IMDG/IMO</b>	Not Regulated
<b>Hazard Class</b>	N/A
<b>RID</b>	Not Regulated
<b>ADR</b>	Not Regulated
<b>ADN</b>	Not Regulated





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## SECTION 15 - REGULATORY INFORMATION

Safety, Health and Environmental Regulations / Legislation Specific for the Substance or Mixture:

### International Regulations

<b>Ozone-depleting substances (ODS)</b>	Not applicable
<b>Persistent Organic Pollutants</b>	Not applicable
<b>Export Notification requirements</b>	Not applicable

### International Inventories

<b>TSCA</b>	Contact supplier for inventory compliance status.
<b>DSL/NDSL</b>	Contact supplier for inventory compliance status.
<b>EINECS/ELINCS</b>	Contact supplier for inventory compliance status.
<b>ENCS</b>	Contact supplier for inventory compliance status.
<b>KECL</b>	Contact supplier for inventory compliance status.
<b>PICCS</b>	Contact supplier for inventory compliance status.
<b>AICS</b>	Contact supplier for inventory compliance status.

### U.S. Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

#### **CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA – Reportable Quantities	CWA – Toxic Pollutants	CWA – Priority Pollutants	CWA – Hazardous Substances
Hydrogen peroxide 7722-84-1	X	X	X	X

#### **CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Hydrogen peroxide 7722-84-1		1000 lb	

### US State Regulations

#### **California Proposition 65**

This product contains the following Proposition 65 chemicals. Ethyl alcohol is only a considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage.

Chemical Name	Hazardous Substances RQs
Ethyl alcohol - 64-17-5	Carcinogen Developmental





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## U.S. State Right-to-Know Regulations

This product may contain substances regulated by state right-to-know regulations.

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Hydrogen peroxide 7722-84-1	X	X	X	X	
Glycerin 56-81-5	X	X	X	X	

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## SECTION 16 - OTHER INFORMATION

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### NFPA Hazard Rating:

Health: 3	Flammability: 0	Reactivity: 0	Physical and Chemical Properties: -
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### HMIS Hazard Rating:

Health: 3	Flammability: 0	Reactivity: 0	Physical Protection: X
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**Disclaimer:** FOR ORTHODONTIC USE ONLY. The information and recommendations are taken from sources (raw material MSDS(s), SDS(s) and manufacturers knowledge) believed to be accurate; however, the manufacturer makes not warranty with respect to the accuracy of the information or suitability of the recommendation in the specific context of the intended use and determine whether they are appropriate.